

Project Title	Funding	Strategic Plan Objective	Institution
Analysis of candidate genes derived from a protein interaction network in SSC samples	\$0	Q3.L.B	Baylor College of Medicine
Simons Simplex Collection Site	\$457,644	Q3.L.B	Baylor College of Medicine
Studies of postmortem brain searching for epigenetic defects causing autism	\$400,000	Q3.S.J	Baylor College of Medicine
Recessive genes for autism and mental retardation	\$148,856	Q3.L.B	Beth Israel Deaconess Medical Center
Autism and the insula: Genomic and neural circuits	\$620,305	Q2.Other	California Institute of Technology
Testing neurological models of autism	\$315,526	Q2.Other	California Institute of Technology
A non-human primate autism model based on maternal infection	\$335,155	Q2.S.A	California Institute of Technology
Electrophysiological, metabolic and behavioral markers of infants at risk	\$378,751	Q1.L.A	Children's Hospital Boston
RNA expression studies in autism spectrum disorders	\$250,000	Q1.L.A	Children's Hospital Boston
Signatures of gene expression in autism spectrum disorders	\$75,000	Q1.L.A	Children's Hospital Boston
Simons Variation in Individual Project (Simons VIP) Core Leader Gift	\$24,731	Q2.S.G	Children's Hospital Boston
Finding recessive genes for autism spectrum disorders	\$186,825	Q3.L.B	Children's Hospital Boston
Simons Simplex Collection Site	\$483,393	Q3.L.B	Children's Hospital Boston
Cellular and molecular alterations in GABAergic inhibitor circuits by mutations in MeCP2	\$330,774	Q2.S.D	Cold Spring Harbor Laboratory
Genetic basis of autism	\$6,625,251	Q3.L.B	Cold Spring Harbor Laboratory
16p11.2: defining the gene(s) responsible	\$175,000	Q4.S.B	Cold Spring Harbor Laboratory
Novel models to define the genetic basis of autism	\$289,633	Q4.S.B	Cold Spring Harbor Laboratory
Systematic analysis of neural circuitry in mouse models of autism	\$149,973	Q4.S.B	Cold Spring Harbor Laboratory
Characterizing ASD phenotypes by multimedia signal and natural language processing	\$263,303	Q1.L.C	Columbia University
Neurexin-neuroligin trans-synaptic interaction in learning and memory	\$100,000	Q2.Other	Columbia University
Neurexin-neuroligin trans-synaptic interaction in learning and memory	\$100,000	Q2.Other	Columbia University
Aberrant synaptic form and function due to TSC-mTOR-related mutation in autism spectrum disorders	\$150,000	Q2.S.D	Columbia University
Aberrant synaptic function caused by TSC mutation in autism	\$75,000	Q2.S.D	Columbia University
Simons Variation in Individuals Project (Simons VIP) Principal Investigator Gift	\$54,823	Q2.S.G	Columbia University
Simons Simplex Collection Site	\$869,988	Q3.L.B	Columbia University
Investigating the effects of chromosome 22q11.2 deletions	\$150,000	Q4.S.B	Columbia University

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Genomic imbalances at the 22q11 locus and predisposition to autism	\$400,000	Q4.S.B	Columbia University
Cognitive usability evaluation of the SFARI system	\$99,162	Q7.O	Columbia University
Role of UBE3A in neocortical plasticity and function	\$490,000	Q4.S.B	Duke University
Quantitative proteomic approach towards understanding and treating autism	\$75,000	Q2.S.D	Emory University
Language processing in children with 22q11 deletion syndrome and autism	\$30,000	Q2.S.G	Emory University
Simons Variation in Individuals Project (Simons VIP)	\$181,357	Q2.S.G	Emory University
Simons Simplex Collection Site	\$495,394	Q3.L.B	Emory University
Comprehensive genetic variation detection to assess the role of the X chromosome in autism	\$764,847	Q3.L.B	Emory University
Language learning in autism	\$191,584	Q1.L.C	Georgetown University
Perturbed activity-dependent plasticity mechanisms in autism	\$311,292	Q2.Other	Harvard Medical School
Illumina, Inc.	\$1,275,994	Q3.L.B	Illumina, Inc.
International Meeting for Autism Research (IMFAR) Support	\$50,000	Q7.K	International Society for Autism Research
The role of CNTNAP2 in embryonic neural stem cell regulation	\$150,000	Q2.Other	Johns Hopkins University School of Medicine
Integrative genetic analysis of autistic brains	\$400,000	Q3.L.B	Johns Hopkins University School of Medicine
The role of contactin-associated protein-like 2 (CNTNAP2) and other novel genes in autism	\$464,601	Q3.L.B	Johns Hopkins University School of Medicine
Investigation of the role of MET kinase in autism	\$366,308	Q4.S.B	Johns Hopkins University School of Medicine
Accelerating autism research through the Interactive Autism Network	\$999,816	Q7.C	Kennedy Krieger Institute
Retrograde synaptic signaling by Neurexin and Neuroligin in C. elegans	\$125,000	Q2.Other	Massachusetts General Hospital
Comprehensive follow-up of novel autism genetic discoveries	\$0	Q3.L.B	Massachusetts General Hospital
A recurrent genetic cause of autism	\$400,000	Q3.L.B	Massachusetts General Hospital
Role of TSC/mTOR signaling pathway in autism and autism spectrum disorders	\$83,403	Q3.L.B	Massachusetts General Hospital
Genome-wide analyses of DNA methylation in autism	\$400,000	Q3.S.J	Massachusetts General Hospital
Control of synaptic protein synthesis in the pathogenesis and therapy of autism	\$155,063	Q4.S.B	Massachusetts General Hospital
Regulation of synaptogenesis by cyclin-dependent kinase 5	\$342,454	Q2.Other	Massachusetts Institute of Technology

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Neural mechanisms for social cognition in autism spectrum disorders	\$223,233	Q2.Other	Massachusetts Institute of Technology
Using Drosophila to model the synaptic function of the autism-linked NHE9	\$150,000	Q4.S.B	Massachusetts Institute of Technology
Mice lacking Shank postsynaptic scaffolds as an animal model of autism	\$128,445	Q4.S.B	Massachusetts Institute of Technology
Neural and cognitive mechanisms of autism	\$375,000	Q4.S.B	Massachusetts Institute of Technology
Dissecting the circuitry basis of autistic-like behaviors in mice	\$175,000	Q4.S.B	Massachusetts Institute of Technology
Synaptic and circuitry mechanisms of repetitive behaviors in autism	\$400,000	Q4.S.B	Massachusetts Institute of Technology
Infrastructure support for autism research at MIT	\$1,500,000	Q7.K	Massachusetts Institute of Technology
Mindspec, Inc.	\$666,900	Q7.Other	Mindspec, Inc.
The role of SHANK3 in autism spectrum disorders	\$360,000	Q4.S.B	Mount Sinai School of Medicine
2010 Annual SFARI Meeting	\$380,573	Q7.K	n/a
2010 SFARI Workshops	\$230,623	Q7.Other	n/a
Canonical neural computation in autism spectrum disorders	\$66,906	Q2.Other	New York University
The integration of interneurons into cortical microcircuits	\$150,000	Q2.Other	New York University School of Medicine
Regulation of inflammatory Th17 cells in autism spectrum disorder	\$112,500	Q2.S.A	New York University School of Medicine
Functional brain networks in autism and attention deficit hyperactivity disorder	\$37,463	Q1.L.B	Oregon Health & Science University
Prosodic and pragmatic processes in highly verbal children with autism	\$149,999	Q1.L.C	President & Fellows of Harvard College
The brain genomics superstruct project	\$150,000	Q2.S.G	President & Fellows of Harvard College
The frequency of polymorphisms in maternal- and paternal-effect genes in autism spectrum	\$187,500	Q3.L.B	Princeton University
Prometheus Research, LLC	\$3,394,273	Q7.N	Prometheus Research, LLC
Identification of aberrantly methylated genes in autism: The role of advanced paternal age	\$374,835	Q3.S.J	Research Foundation for Mental Hygiene, Inc.
Autism spectrum disorders and the visual analysis of human motion	\$250,000	Q2.Other	Rutgers, The State University of New Jersey
Rutgers, The State University of New Jersey	\$4,930,840	Q7.D	Rutgers, The State University of New Jersey
Oxytocin biology and the social deficits of autism spectrum disorders	\$112,500	Q1.L.A	Stanford University
Function and dysfunction of neuroligins in synaptic circuits	\$150,000	Q2.Other	Stanford University

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Probing a monogenic form of autism from molecules to behavior	\$312,500	Q2.S.D	Stanford University
Characterizing sleep disorders in autism spectrum disorder	\$37,355	Q2.S.E	Stanford University
Using iPS cells to study genetically defined forms with autism	\$200,000	Q4.S.B	Stanford University
Function and dysfunction of neuroligins	\$374,383	Q4.S.B	Stanford University
Autism spectrum disorder and autoimmune disease of mothers	\$91,480	Q3.S.E	The Feinstein Institute for Medical Research
Simons Simplex Collection Site	\$360,484	Q3.L.B	The Research Institute of the McGill University Health Centre
Defining cells and circuits affected in autism spectrum disorders	\$820,059	Q2.Other	The Rockefeller University
Testing the effects of cortical disconnection in non-human primates	\$75,000	Q2.Other	The Salk Institute for Biological Studies
Genetic studies of autism-related Drosophila neurexin and neuroligin	\$137,500	Q2.Other	The University of North Carolina at Chapel Hill
Small-molecule compounds for treating autism spectrum disorders	\$175,000	Q4.S.B	The University of North Carolina at Chapel Hill
Functional analysis of neurexin IV in Drosophila	\$148,746	Q2.Other	University of California, Los Angeles
Simons Simplex Collection Site	\$478,332	Q3.L.B	University of California, Los Angeles
Gene expression and laminar analyses of pathological cortical patches in autism	\$199,739	Q2.Other	University of California, San Diego
Relating copy number variants to head and brain size in neuropsychiatric disorders	\$99,862	Q2.S.G	University of California, San Diego
Whole-exome sequencing to identify causative genes for autism	\$175,000	Q3.L.B	University of California, San Diego
A sex-specific dissection of autism genetics	\$150,000	Q2.S.B	University of California, San Francisco
Simons Variation in Individuals Project (Simons VIP) Core Leader Gift	\$38,941	Q2.S.G	University of California, San Francisco
Role of a novel Wnt pathway in autism spectrum disorders	\$750,000	Q4.S.B	University of California, San Francisco
Simons Simplex Collection Site	\$117,339	Q3.L.B	University of Illinois at Chicago
Quantitative analysis of craniofacial dysmorphology in autism	\$137,861	Q1.S.A	University of Massachusetts Medical School
Simons Simplex Collection Site	\$1,493,572	Q3.L.B	University of Michigan
Autism dysmorphology measure validity study	\$195,570	Q1.S.A	University of Missouri
Simons Simplex Collection Site	\$512,224	Q3.L.B	University of Missouri
Supplement to NIH ACE Network grant: "A longitudinal MRI study of infants at risk for autism"	\$135,000	Q1.L.A	University of North Carolina at Chapel Hill

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Identifying and understanding the action of autism susceptibility genes	\$0	Q3.L.B	University of Oxford
Functional genomic dissection of language-related disorders	\$235,753	Q4.S.B	University of Oxford
A study of autism	\$291,461	Q2.L.B	University of Pennsylvania
Behavioral and physiological consequences of disrupted Met signaling	\$800,000	Q4.S.B	University of Southern California
Coordinated control of synapse development by autism-linked genes	\$150,000	Q2.S.D	University of Texas Southwestern Medical Center
Mouse models of human autism spectrum disorders: Gene targeting in specific brain regions	\$400,000	Q2.S.D	University of Texas Southwestern Medical Center
Relevance of NPAS1/3 balance to autism and schizophrenia	\$356,840	Q3.L.B	University of Texas Southwestern Medical Center
Simons Variation in Individuals Project (VIP) Site	\$118,142	Q2.S.G	University of Washington
Simons Simplex Collection Site	\$445,508	Q3.L.B	University of Washington
Genomic hotspots of autism	\$588,027	Q3.L.B	University of Washington
The mirror neuron system in children with autism	\$59,078	Q4.S.F	University of Washington
Simons Simplex Collection Site	\$135,000	Q3.L.B	Vanderbilt University
Executive functioning, theory of mind, and neurodevelopmental outcomes	\$29,502	Q4.L.B	Vanderbilt University Medical Center
Brain circuitry in simplex autism	\$187,500	Q2.Other	Washington University in St. Louis
Role of intracellular mGluR5 in fragile X syndrome and autism	\$75,000	Q2.S.D	Washington University in St. Louis
Misregulation of BDNF in autism spectrum disorders	\$75,000	Q1.L.A	Weill Cornell Medical College
Using zebrafish and chemical screening to define function of autism genes	\$399,999	Q4.S.B	Whitehead Institute for Biomedical Research
Brain-behavior growth charts of altered social engagement in ASD infants	\$125,000	Q1.L.A	Yale University
Model diagnostic lab for infants at risk for autism	\$599,992	Q1.L.A	Yale University
Physical and clinical infrastructure for research on infants-at-risk for autism at Yale	\$439,163	Q1.L.A	Yale University
Longitudinal neurogenetics of atypical social brain development in autism	\$292,163	Q2.S.G	Yale University
A genome-wide search for autism genes in the Simons Simplex Collection	\$3,896,750	Q3.L.B	Yale University
Simons Simplex Collection Site	\$514,837	Q3.L.B	Yale University
Genetics and gene-environment interactions in a Korean epidemiological sample of autism	\$149,354	Q3.S.C	Yale University

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Integrated approach to the neurobiology of autism spectrum disorders	\$232,118	Q4.S.B	Yale University

